

Sum of 3D Vector

Consider $\mathbf{u} = [u_1, u_2, u_3]$ and $\mathbf{v} = [v_1, v_2, v_3]$ as vectors, the sum of these two vector are

$$\mathbf{u} + \mathbf{v} = [u_1 + v_1, u_2 + v_2, u_3 + v_3]$$

Write a program that read input of 2 3-Dimensional vectors, then show an output of the sum of 2 vectors

Input

2 3-Dimensional vectors, each on a different line, in a format of `[number, number, number]`

Output

The sum of 2 3-Dimensional vectors, in format that include input vectors (as shown in example below)

Example

Input (from keyboard)	Output (on screen)
[1, 2, 3] [2, 3, 4]	[1.0, 2.0, 3.0] + [2.0, 3.0, 4.0] = [3.0, 5.0, 7.0]
[1.25, 2.5, 3.0] [-2.5, 1.3, -2.5]	[1.25, 2.5, 3.0] + [-2.5, 1.3, -2.5] = [-1.25, 3.8, 0.5]
[0, 10, 0] [10, 0, 10]	[0.0, 10.0, 0.0] + [10.0, 0.0, 10.0] = [10.0, 10.0, 10.0]

Hint :

If `d = [1.2, 3.4, 5.6]` is list, function `print(d)` will show `[1.2, 3.4, 5.6]` on the screen